

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E88864

Employer : Vulcan Inc.

Worksite :

Street : 505 5th Ave S Suite 900

Jurisdiction : City of Seattle

Participation : CTR

Status : Affected

Survey Type : Online

Response Rate : 81%

Survey Date : 11/23/2019

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 63.7%

Drive Alone Rate : 36.3%

One-Way VMT per employee : 5.2

Average One-Way distance home to work : 13.4

Employees and Survey Response Information

Reported Total Employees at Worksite: 399

Surveys Distributed : 399

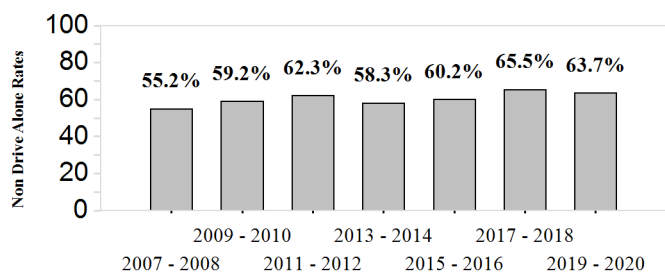
Surveys Returned : 322

Surveys Returned by CTR Affected* Employees : 306

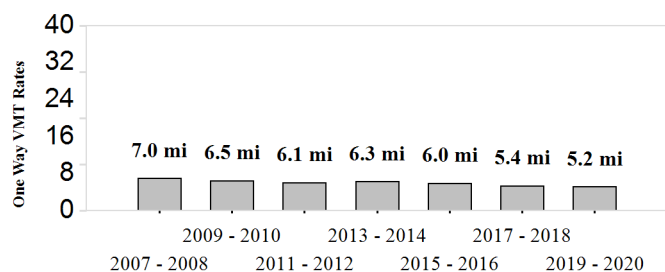
Total Estimated CTR Affected Employees at Worksite : 379

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

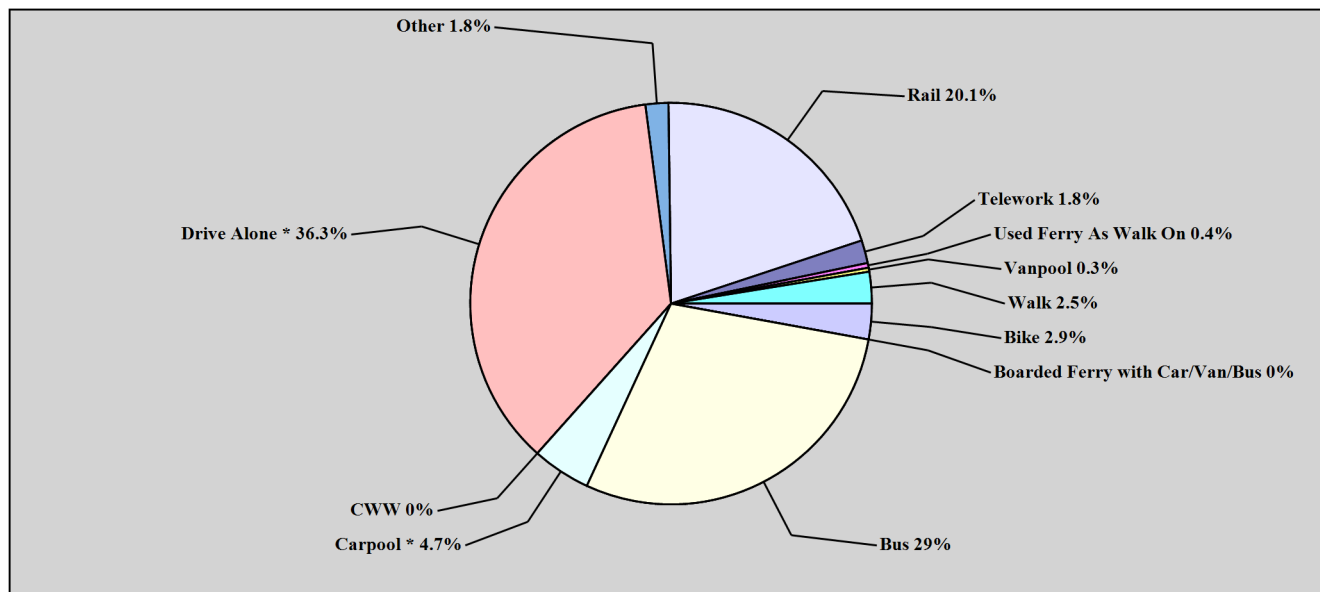
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	55.2%	57.1%	442	586	13.0	7.0	6.9
2009 - 2010	59.2%	59.6%	324	447	9.9	6.5	6.3
2011 - 2012	62.3%	64.3%	295	411	9.1	6.1	5.7
2013 - 2014	58.3%	59.0%	323	403	8.9	6.3	6.3
2015 - 2016	60.2%	60.7%	357	469	10.4	6.0	5.9
2017 - 2018	65.5%	66.9%	302	536	11.8	5.4	5.3
2019 - 2020	63.7%	63.2%	363	450	9.9	5.2	5.3
Target	80.0%				Target:	N/A	
% Point Change Target:	24.8				% Change Target:	N/A	
% Point Change from Baseline:	8.5				% Change from Baseline:	-25.7%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



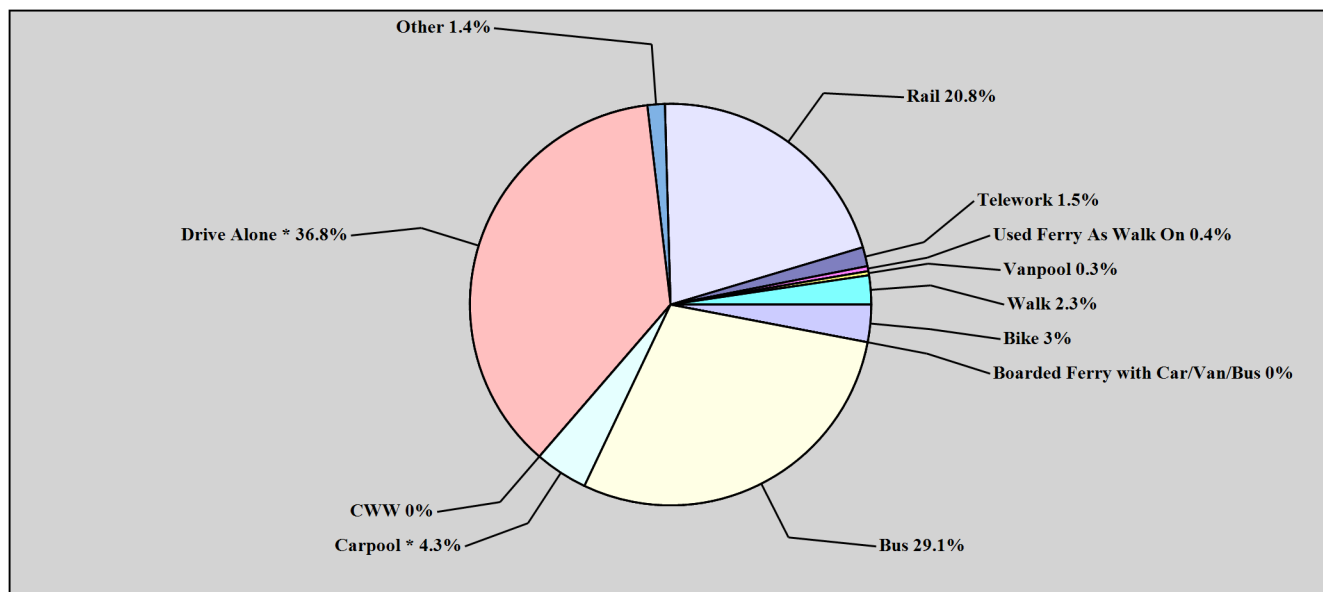
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	571	36.3%	34.5%	150	46.6%	43.1%
Carpool *	74	4.7%	5.3%	32	9.9%	10.3%
Vanpool	5	0.3%	0.3%	3	0.9%	0.4%
Bus	456	29.0%	32.7%	113	35.1%	38.3%
Rail	316	20.1%	20.3%	78	24.2%	24.5%
Bike	45	2.9%	1.7%	14	4.3%	2.8%
Walk	40	2.5%	2.0%	10	3.1%	2.8%
Telework	29	1.8%	0.8%	23	7.1%	3.6%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	6	0.4%	1.3%	2	0.6%	1.6%
Other	29	1.8%	1.2%	11	3.4%	2.0%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	551	36.8%	33.1%	143	46.7%	41.8%
Carpool *	64	4.3%	5.5%	27	8.8%	10.5%
Vanpool	5	0.3%	0.3%	3	1.0%	0.4%
Bus	435	29.1%	33.3%	107	35.0%	39.2%
Rail	312	20.8%	21.1%	77	25.2%	25.3%
Bike	45	3.0%	1.8%	14	4.6%	3.0%
Walk	35	2.3%	1.5%	9	2.9%	2.5%
Telework	23	1.5%	0.8%	21	6.9%	3.4%
CWW	0	0.0%	0.0%	0	0.0%	0.0%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.0%
Used Ferry As Walk On	6	0.4%	1.4%	2	0.7%	1.7%
Other	21	1.4%	1.2%	8	2.6%	1.7%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	93	29%	322	100%
1 Days	16	5%	229	71%
2 Days	13	4%	213	66%
3 Days	12	4%	200	62%
4 Days	25	8%	188	58%
5 Days	156	48%	163	51%
6 or More Days	7	2%	7	2%

Count by Occupancy of Carpools and Vanpools

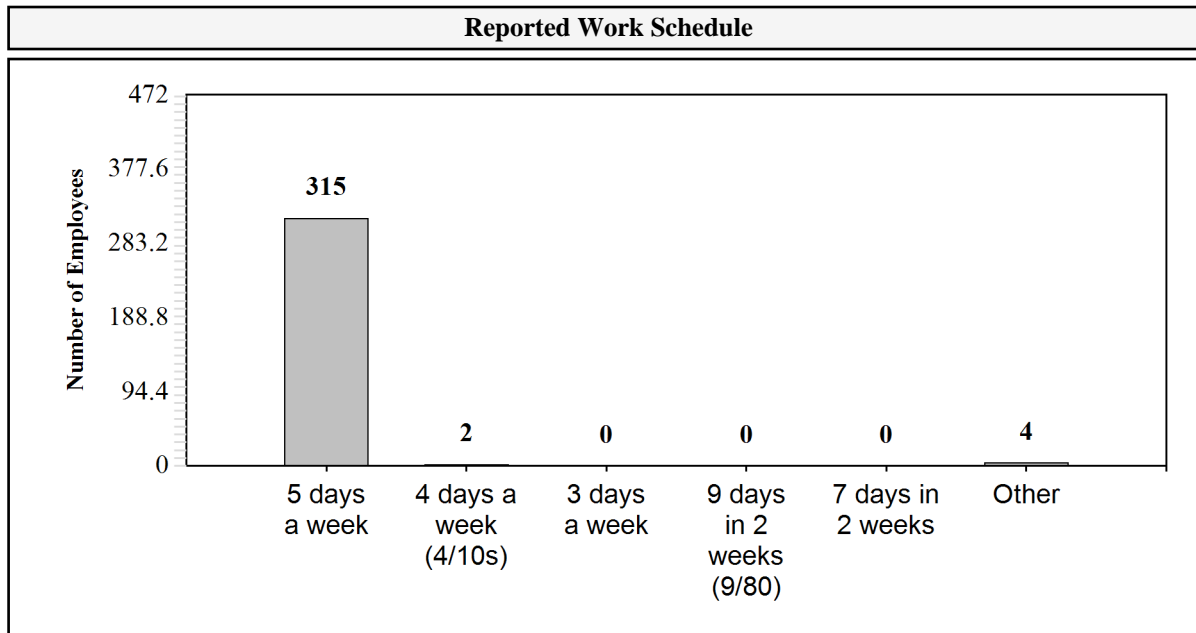
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	66
3	Carpool	7
4	Carpool	0
5	Carpool	0
>5	Carpool	1
<5	Vanpool	2
5	Vanpool	0
6	Vanpool	0
7	Vanpool	3
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

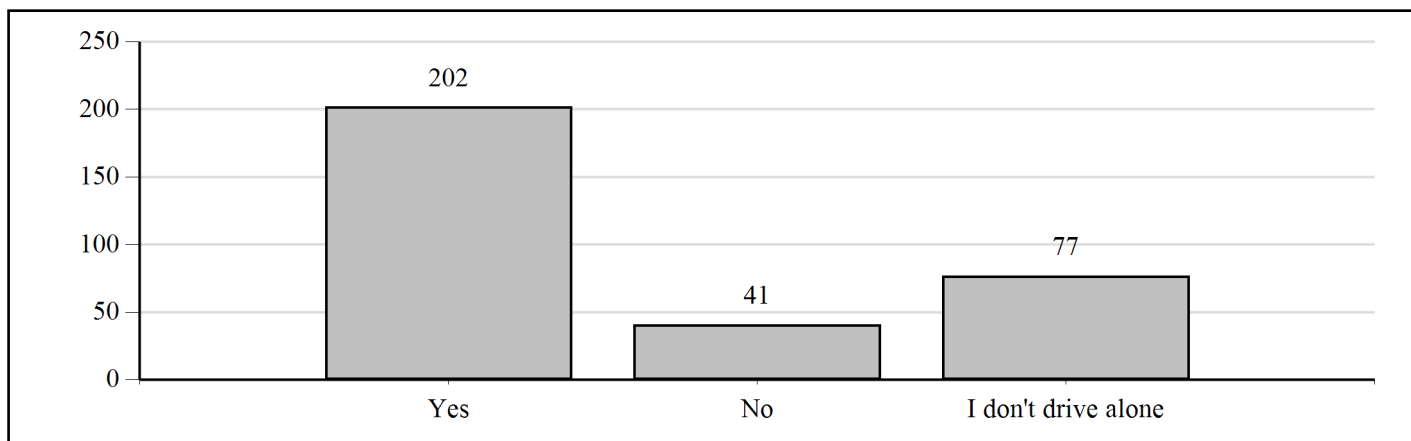
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	315	98.1%
4 days a week (4/10s)	2	0.6%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	0	0%
Other	4	1.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.3%
I don't telework	154	47.8%
Occasionally, on an as-needed basis	128	39.8%
1-2 days/month	23	7.1%
1 day/week	14	4.3%
2 days/week	1	0.3%
3 days/week	1	0.3%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Free or subsidized bus, train, vanpool pass or fare benefit	177	22.8%
Cost of parking or lack of parking	117	15.1%
Environmental and community benefits	97	12.5%
Personal health or well-being	94	12.1%
To save money	90	11.6%
Other	47	6.1%
I have the option of teleworking	40	5.2%
Driving myself is not an option	38	4.9%
To save time using the HOV lane	30	3.9%
Financial incentives for carpooling, bicycling or walking.	28	3.6%
Emergency ride home is provided	7	0.9%
I receive a financial incentive for giving up my parking space	7	0.9%
Preferred/reserved carpool/vanpool parking is provided	3	0.4%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	198	29.4%
I like the convenience of having my car	123	18.2%
Family care or similar obligations	122	18.1%
Other	109	16.2%
Bicycling or walking isn't safe	48	7.1%
My job requires me to use my car for work	45	6.7%
My commute distance is too short	21	3.1%
I need more information on alternative modes	6	0.9%
There isn't any secure or covered bicycle parking	2	0.3%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98115	15	4.66%	18	5	0	0	20	24	3	0	0	0	0	0	0
98117	13	4.04%	26	2	0	0	34	0	3	0	0	0	0	0	0
98103	12	3.73%	34	9	0	0	8	4	1	0	4	0	0	0	0
98107	11	3.42%	10	2	0	0	37	0	0	0	1	0	0	0	5
98122	11	3.42%	15	1	0	0	4	22	0	12	0	0	0	0	1
98144	11	3.42%	14	7	0	0	10	11	0	8	1	0	0	0	3
98199	10	3.11%	25	6	0	0	16	0	0	0	0	0	0	0	4
98040	9	2.80%	30	0	0	5	10	0	0	0	0	0	0	0	0
98119	9	2.80%	15	0	1	0	11	4	2	3	1	0	0	0	5
98136	9	2.80%	19	2	0	0	18	0	0	0	3	0	0	0	0
98109	8	2.48%	4	0	0	0	20	15	0	0	0	0	0	0	1
98116	8	2.48%	25	0	0	0	2	0	12	0	1	0	0	1	0
98026	6	1.86%	4	0	0	0	1	22	0	0	2	0	0	0	0
98042	6	1.86%	7	3	0	0	0	20	0	0	0	0	0	0	0
98106	6	1.86%	10	0	0	0	15	0	5	0	0	0	0	0	0
98112	6	1.86%	16	0	0	0	0	9	4	0	0	0	0	0	1
98125	6	1.86%	6	0	0	0	18	4	1	0	0	0	0	0	1
98008	5	1.55%	5	0	0	0	15	0	0	0	0	0	0	0	5
98033	5	1.55%	10	0	1	0	10	0	0	0	0	0	0	0	0
98056	5	1.55%	16	4	0	0	0	0	0	0	2	0	0	0	0
98126	5	1.55%	15	9	0	0	1	0	0	0	0	0	0	0	0
98155	5	1.55%	17	3	0	0	6	0	0	0	0	0	0	0	0
98004	4	1.24%	15	0	0	0	5	0	0	0	0	0	0	0	0
98027	4	1.24%	5	0	0	0	16	0	0	0	0	0	0	0	0
98028	4	1.24%	8	0	0	0	9	0	0	0	0	0	0	0	0
98034	4	1.24%	5	0	0	0	10	0	5	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	4	1.24%	10	0	0	0	10	0	0	0	0	0	0	0	0
98087	4	1.24%	5	0	0	0	10	5	0	0	0	0	0	0	0
98102	4	1.24%	2	0	0	0	8	10	0	0	0	0	0	0	0
98105	4	1.24%	5	0	0	0	9	3	2	0	1	0	0	0	0
98118	4	1.24%	11	0	0	0	0	9	0	0	0	0	0	0	0
98296	4	1.24%	5	0	0	0	10	0	0	0	0	0	0	0	0
98391	4	1.24%	1	0	0	0	0	20	0	0	0	0	0	0	0
98005	3	0.93%	10	1	0	0	4	0	0	0	0	0	0	0	0
98006	3	0.93%	5	0	0	0	10	0	0	0	0	0	0	0	0
98020	3	0.93%	0	0	0	0	0	15	0	0	0	0	0	0	0
98029	3	0.93%	4	5	0	0	4	0	0	0	1	0	0	0	1
98072	3	0.93%	2	0	0	0	13	0	0	0	0	0	0	0	0
98092	3	0.93%	1	1	0	0	0	12	0	0	1	0	0	0	0
98101	3	0.93%	1	0	0	0	0	10	2	1	1	0	0	0	0
98104	3	0.93%	0	1	0	0	0	4	5	6	0	0	0	0	0
98121	3	0.93%	1	0	0	0	10	0	0	4	0	0	0	0	0
98166	3	0.93%	6	3	0	0	1	0	0	0	0	0	0	0	0
98177	3	0.93%	4	0	0	0	4	0	0	0	2	0	0	0	0
98178	3	0.93%	13	0	0	0	0	1	0	0	0	0	0	0	0
98321	3	0.93%	0	0	0	0	0	10	0	6	0	0	0	0	0
98003	2	0.62%	1	1	0	0	5	3	0	0	0	0	0	0	0
98011	2	0.62%	11	0	0	0	1	0	0	0	0	0	0	0	0
98012	2	0.62%	10	0	0	0	0	0	0	0	0	0	0	0	0
98023	2	0.62%	0	0	0	0	0	5	0	0	5	0	0	0	0
98036	2	0.62%	0	0	0	0	10	0	0	0	0	0	0	0	0
98037	2	0.62%	5	0	0	0	0	6	0	0	0	0	0	0	0
98043	2	0.62%	1	0	0	0	9	0	0	0	0	0	0	0	0
98057	2	0.62%	2	0	0	0	3	0	0	0	0	0	0	0	0
98058	2	0.62%	9	0	0	0	0	0	0	0	1	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98059	2	0.62%	5	0	0	0	5	0	0	0	0	0	0	0	0
98065	2	0.62%	5	1	3	0	0	0	0	0	0	0	0	0	0
98146	2	0.62%	10	0	0	0	0	0	0	0	0	0	0	0	0
98168	2	0.62%	8	1	0	0	0	0	0	0	0	0	0	0	0
98198	2	0.62%	10	0	0	0	0	0	0	0	0	0	0	0	2
98275	2	0.62%	0	0	0	0	0	9	0	0	1	0	0	0	0
98406	2	0.62%	1	0	0	0	2	7	0	0	0	0	0	0	0
	1	0.31%	0	0	0	0	5	0	0	0	0	0	0	0	0
98001	1	0.31%	0	0	0	0	4	1	0	0	0	0	0	0	0
98010	1	0.31%	3	2	0	0	0	0	0	0	0	0	0	0	0
98021	1	0.31%	1	0	0	0	4	0	0	0	0	0	0	0	0
98022	1	0.31%	2	0	0	0	0	0	0	0	0	0	0	0	0
98030	1	0.31%	1	0	0	0	0	4	0	0	0	0	0	0	0
98032	1	0.31%	5	0	0	0	0	0	0	0	0	0	0	0	0
98053	1	0.31%	5	0	0	0	0	0	0	0	0	0	0	0	0
98074	1	0.31%	0	0	0	0	5	0	0	0	0	0	0	0	0
98075	1	0.31%	2	2	0	0	3	0	0	0	0	0	0	0	0
98108	1	0.31%	2	0	0	0	3	0	0	0	0	0	0	0	0
98110	1	0.31%	0	0	0	0	5	0	0	0	0	0	0	0	0
98208	1	0.31%	5	0	0	0	0	0	0	0	0	0	0	0	0
98258	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0
98271	1	0.31%	0	0	0	0	3	0	0	0	0	0	0	0	0
98284	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0
98370	1	0.31%	0	0	0	0	0	0	0	0	0	0	0	5	0
98371	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0
98372	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0
98373	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0
98374	1	0.31%	0	0	0	0	0	4	0	0	1	0	0	0	0
98405	1	0.31%	1	1	0	0	0	3	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98407	1	0.31%	1	0	0	0	0	4	0	0	0	0	0	0	0
98444	1	0.31%	0	2	0	0	0	1	0	0	0	0	0	0	0
98466	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0
98512	1	0.31%	0	0	0	0	0	5	0	0	0	0	0	0	0